

GSEB

Class 12

Computer Paper – March(2020)

331(E)

1) Which website is used to download BlueGriffon HTML editor ?

- (A) www.bluegriffon.org
- (B) www.bluegriffon.com
- (C) www.griffon.org
- (D) www.griffon.com

2) Which of the following is a feature of traditional commerce?

- (A) Operates within a certain period of time or during business hours
- (B) Advertising of the product is done electronically
- (C) E-payments systems are used for receiving payment
- (D) Customer can browse through products and offers

3) Which of the following is a disadvantage of E-commerce?

- (A) Privacy
- (B) Improved Customer Service
- (C) Speed
- (D) Conduct business 24x7

4) Which of the following is a feature of E-commerce ?

- (A) Operates within a certain period of time or during business hours
- (B) No sharing of information with competitors
- (C) Location renting or purchasing
- (D) Advertising of the product is done electronically

5) Which of the following is a popular website for online auction ?

- (A) www.gseb.org
- (B) www.flipkart.com
- (C) www.ebay.com
- (D) www.axisbank.com

6) Which of the following statement is true for services provided by Online Banking?

- (i) Customer can check account balance at any time
- (ii) Customer can deposit cash using online banking
- (iii) Customer can transfer the money from one account to another

- (A) only (ii) and (iii)
- (B) only (i) and (iii)
- (C) only (i) and (ii)
- (D) (i), (ii) and (iii)

7) Which E-commerce business model refers to businesses and organizations that sells products or services to customers over the internet using websites?

- (A) Business to Consumer (B2C)
- (B) Business to Business (B2B)
- (C) Customer to Customer (C2C)
- (D) Government to Business (G2B)

8) Which of the following is an example of a Business to Business (B2B) model website?

- (A) www.commodity.com
- (B) www.tradeindia.com
- (C) (A) and (B) both
- (D) None of the above

9) Which of the following refers to buying and selling of goods or services through the use of internet enabled wireless devices ?

- (A) Internet
- (B) M-Commerce
- (C) M-Banking
- (D) www

10) Which of the following is the transformation of encrypted text back into normal text?

- (A) Firewall
- (B) Digital Certificate
- (C) Decryption
- (D) Virus

11) Which of the following is the symbol for trademark ?

- (A) TM , MT and ©
- (B) TM, MS and ®
- (C) TM, SM and ®
- (D) TM, Sm and ©

12) Which is the most accurate in determining a mobile device's position ?

- (A) Website
- (B) SSL
- (C) TCP/IP
- (D) GPS

13) Which of the following is used for securing web transactions on the internet?

- (A) TCP/IP
- (B) HTTP
- (C) HTML
- (D) SSL

14) Which is the most popular and widely accepted method of payment on internet ?

- (A) Credit Card
- (B) Debit Card
- (C) Internet Banking
- (D) All of the above

15) Which of the following is provided using encapsulation ?

- (A) Data protection
- (B) Data sharing
- (C) Separation of data and methods
- (D) All of the above

16) With which of the following options polymorphism cannot be achieved ?

- (A) Method Overloading
- (B) Operator Overloading
- (C) Data hiding
- (D) All of the above

17) An inheritance model refers to which of the following relationships ?

- (A) 'is-a'
- (B) 'has-a'
- (C) 'a-part-of'
- (D) all of these

18) Which of the following describes a group of objects with similar attributes and common behavior ?

- (A) Object
- (B) Class
- (C) Program
- (D) Diagram

19) Which of the following is a mechanism of providing protection to data and methods of a program?

- (A) Encapsulation
- (B) Data abstraction
- (C) Polymorphism
- (D) Aggregation

20) Which of the following represents non-exclusive relationship between two classes ?

- (A) Aggregation
- (B) Composition
- (C) Inheritance
- (D) All of the above

21) Which of the following is used to distinguish objects from each other?

- (A) Attributes
- (B) State
- (C) Behavior
- (D) All of the above

22) In object-oriented terminology, with reference to Inheritance, existing class is also called which of the following ?

- (A) super class
- (B) parent class
- (C) base class
- (D) all of the above

23) How many primitive data types are supported in Java?

- (A) 2
- (B) 4
- (C) 8
- (D) 16

24) Java language was developed by which of the following company ?

- (A) Sun Microsystems
- (B) Netscape
- (C) Microsoft
- (D) Oracle

25) Which of the following extension file is generated by compiler, when the program gets compiled without errors in Java?

- (A) .java
- (B) .C
- (C) .org
- (D) .class

26) Single-line comment begins with which sign in Java?

- (A) /*
- (B) //
- (C) /**
- (D) All of the above

27) What will be the result of arithmetic expression $9\%2$?

- (A) 4.5
- (B) 1
- (C) 4
- (D) 0

28) What is it called when ++ operator is used after variable name in Java?

- (A) post increment
- (B) pre increment
- (C) increment pre
- (D) pre decrement

29) Which of the following is use to repeat a sequence of statements over and over until some condition occurs?

- (A) block
- (B) array
- (C) loops
- (D) boolean

30) Which statement is executed if the value of boolean expression is true?

```
if(boolean expression){  
    <statement1>  
}
```

```
else
{
    <statement2>
}
statement3
```

- (A) statement2
(B) error message
(C) statement1
(D) statement3

31) Which of the following statement is used to transfer the control outside 'Switch' or 'Loop' construct ?

- (A) continue
(B) else
(C) end
(D) break

32) Which of the following variable name is not valid in Java?

- (A) _marks
(B) 4subject
(C) total_marks
(D) \$age

33) Which of the following defines attributes and methods?

- (A) class
(B) object
(C) instance
(D) variable

34) Which keyword is used in Java to define a class ?

- (A) DEFINE
(B) define
(C) class
(D) Define

35) Which step(s) are required to create an object from the class ?

- (A) Declaration
(B) Instantiation
(C) Initialization
(D) All of the above

36) Which keyword is used to create and object by allocating memory ?

- (A) memory
- (B) new
- (C) allocate
- (D) variable

37) By which of the following operator, instance variables and instance methods are accessed via objects?

- (A) ; operator
- (B) . operator
- (C) * operator
- (D) % operator

38) Which of the following statement is used to declare class variable totWindowss in class with instance variables?

- (A) static int totWindows;
- (B) Static Int totWindows;
- (C) STATIC totWindows;
- (D) Int totWindows;

39) Which variables are not initialized by default values in Java?

- (A) Instance variables
- (B) Class variables
- (C) Local variables
- (D) All of the above

40) In Java, which is a special kind of method that is invoked when new object is created ?

- (A) Modifiers
- (B) Polymorphism
- (C) Class
- (D) Constructor

41) Which access modifier in Java provides visibility to classes defined in other package also?

- (A) Private
- (B) Public
- (C) Protected
- (D) All of the above

42) Which of the following keyword is used to refer a superclass constructor in subclass constructor?

- (A) extends
- (B) super
- (C) name of the superclass
- (D) new

43) Which is a variable in Java representing a collection of homogeneous type of elements?

- (A) array
- (B) function
- (C) for loop
- (D) while loop

44) Which of the following syntax is used to declare array in Java?

- (A) <data type><array name>[];
- (B) <data type>[]<array name>;
- (C) Both (A) and (B)
- (D) None of the above

45) How many bytes of memory location are occupied by an array 'b' of `int b[][] = new int[5][3];` ?

- (A) 15
- (B) 60
- (C) 5
- (D) 3

46) What can be considered as a sequence of characters in Java?

- (A) group
- (B) null value
- (C) string
- (D) object

47) Which of the following statement is true to compare the contents of str1 and str2?

- (A) `str = str2`
- (B) `str1 != str2`
- (C) `str1 (==) str2`
- (D) `str1 == str2`

48) For which of the tasks, methods are provided by string class in Java?

- (A) Compare strings
- (B) Find length of string
- (C) Combining strings
- (D) All of the above

49) Which of the following statement is true to return a string with all characters of str1 converted to lower case ?

- (A) str1.toLowerCase()
- (B) str1.Tolowercase()
- (C) str1.TOLOWERCASE()
- (D) toLowerCASE()

50) Date class is available in which of the following Java package?

- (A) java.Date package
- (B) java.util package
- (C) java.All package
- (D) java.Calender package

51) Which information can be extracted by Calender class of java.util package of Java?

- (A) Year, Month
- (B) Hour, Minute
- (C) (A) & (B) both
- (D) None of the above

52) What does 'length' refer to for an object of String class?

- (A) attribute
- (B) method
- (C) class variable
- (D) class name

53) Which of the following refers to an error condition in object-oriented programming terminology?

- (A) anomaly
- (B) abbreviation
- (C) exception
- (D) deviation

54) Which of the following block handles or takes appropriate action when an Exception occurs ?

- (A) try
- (B) catch
- (C) throws
- (D) handles

55) Which of the following is an advantage of using a try....catch block ?

- (A) Exceptional events are eliminated

- (B) Exceptional events are reduced
- (C) Exceptional events are integrated with regular events
- (D) Exceptional events are isolated from regular events

56) Which exit code in SciTE editor indicates that the command execution is successful ?

- (A) 0
- (B) 1
- (C) -1
- (D) 10

57) Which clause signifies that there is no catch block within the method that can handle exception ?

- (A) throws
- (B) if
- (C) loop
- (D) array

58) Which class in Java is used to accept input from the Keyboard?

- (A) java.keyboard
- (B) java.util.Input
- (C) java.SCANNER
- (D) java.util.Scanner

59) In which of the following storage type, values are stored in variables are lost when a computer is shutdown?

- (A) Volatile Storage
- (B) Non-Volatile Storage
- (C) Both (A) and (B)
- (D) None of the above

60) How many methods are available in Java for a file class that can be used to perform various operations on a file ?

- (A) 3
- (B) 120
- (C) 8
- (D) 30

61) In Linux, "passwd" file present in which directory stores the information of the users existing in the system?

- (A) /root (B) /extra
(C) /etc (D) None of the above

62) Which is an abstract representation of an input or output device that is used as a source or destination for data?

- (A) stream (B) scanner
(C) method (D) function

63) Which of the following format is used in Java to store a character ?

- (A) ASCII (B) Unicode
(C) Both (A) & (B) (D) None of the above

64) Which class defines the functionality that is available for all character input stream ?

- (A) void reader class (B) Exact reader class
(C) abstract reader class (D) super reader class

65) Which of the following character is used to mark a comment in LaTeX?

- (A) \$ (B) %
(C) # (D) &

66) Which of the following website hosts the LaTeX packages?

- (A) CTAN (B) CLAN
(C) CTEN (D) CLEN

67) Which of the following commands generate the set union symbol?

- (A) \cup (B) \setunion
(C) \cap (D) \union

68) Which command is used to view the generated pdf file at the command prompt?

- (A) show pdffilename (B) view pdffilename
(C) evince pdffilename (D) all of the above

69) Which menu-option is used in SciTE editor to view the file in the default document viewer?

- (A) File --> Go (B) Insert --> Output
(C) Tools --> Go (D) Tools --> Output

70) What is an optional argument in the following LaTeX command?

`\document class [12pt]{article};`

- (A) article (B) 12pt
(C) document class (D) all of the above

71) What is the full form of tar?

- (A) tape archiver (B) tech archiver
(C) test archiver (D) tight archiver

72) Which of the following is a feature-rich media player?

- (A) VAC (B) VEC
(C) VLC (D) VNC

73) Which of the following are different variants of Rational Plan?

- (A) Single, Multi, Viewer (B) Singular, Multiple
(C) View , Preview (D) Server , Client

74) Which software allows us to make calls over the internet using our computer ?

- (A) Rational Plan (B) 'R' software
(C) Skype (D) LaTeX

75) Which R command is used for accessing the online help?

- (A) onlinehelp()
- (B) linehelp()
- (C) help()
- (D) helpdemo()

76) Which of the following is the tag used to implement form element in HTML?

- (A) <form>...</form>
- (B) <form>...<form>
- (C) </form>...</form>
- (D) <frm>...</frm>

77) Which of the following method sends the data as a block through the HTTP transaction?

- (A) GET
- (B) SET
- (C) PUT
- (D) POST

78) Which of the following element allows multi-line text input in HTML ?

- (A) textarea
- (B) input
- (C) select and option
- (D) form

79) Which of the following is a free open source web development IDE ?

- (A) HTML
- (B) Kompozer
- (C) Scite
- (D) Base

80) In Kompozer, which of the following menu-option is used to view different toolbars and statusbar?

- (A) Tools --> Show/Hide
- (B) Edit --> Show
- (C) View --> Show/Hide
- (D) Insert --> Show

81) Which keyboard shortcut is used to close the site manager pane in Kompozer?

- (A) F1
- (B) F9
- (C) F2
- (D) F10

82) In Kompozer, which of the following menu-option is used to insert label?

- (A) Tools --> Define label
- (B) Edit --> Form --> Define Label
- (C) Insert --> Form --> Define Label
- (D) File --> Define Label

83) Which of the following menu-option is used to create selection list option in Kompozer?

- (A) Edit --> Selection List
- (B) File --> Selection List
- (C) Insert --> List
- (D) Form --> Selection List

84) Which of the following allows specifying styles for the visual elements of the website?

- (A) Cascading Style Sheets
- (B) Webpage
- (C) Form
- (D) Animation

85) Which of the following are two main parts of CSS rule?

- (A) Selector, declaration
- (B) Select, declaration
- (C) Selector, declare
- (D) Selection , declaration

86) Which of the following symbol signifies the start and end of a JavaScript block?

- (A) semicolon
- (B) square bracket
- (C) curly bracket
- (D) round bracket

87) Which of the following is a container for storing data in JavaScript?

- (A) Variable
- (B) Integer
- (C) Event
- (D) Event handler

88) In Kompozer, which tabs are available on the right side of CSS Style Sheets dialog box?

- (A) General, Text
- (B) Background , Box
- (C) Borders, Lists
- (D) All of the above

89) Which of the following toolbar contains CSS button in Kompozer?

- (A) Menu bar
- (B) Format Toolbar-1
- (C) Composition Toolbar
- (D) Format Toolbar-2

90) Which of the following company has developed JavaScript scripting language?

- (A) Microsoft
- (B) Sun Microsystems
- (C) Oracle
- (D) Netscape

91) Which built-in function takes the text and displays it in an alert box in JavaScript?

- (A) display()
- (B) alert()
- (C) message()
- (D) submit()

92) In JavaScript, which event occurs when user leaves a page?

- (A) focus
- (B) unload
- (C) abort
- (D) blur

93) Which of the following is the most important object in the browser object model?

- (A) document
- (B) history
- (C) location
- (D) link

94) Which of the following helps in promoting the business, selling the products and attracting a large number of customers?

- (A) Website
- (B) Webpage
- (C) Form
- (D) CSS

95) Which of the following information should a website contain?

- (A) Complete, Relevant
- (B) Complete , Irrelevant
- (C) Incomplete, Irrelevant
- (D) Incomplete, Relevant

96) Which of the following is the first page that opens when the user enters the URL address in the address bar of the browser?

- (A) Home page
- (B) Last page
- (C) Web page
- (D) First page

97) Which menu-option is used to change color of the text in Kompozer?

- (A) Insert --> Color
- (B) Tools --> ChangeColor
- (C) View --> Color
- (D) Format --> TextColor

98) Which menu-option is used to create link in Kompozer?

- (A) File --> Link
- (B) Edit --> Link
- (C) Tools --> Hyperlink
- (D) Insert --> Link

99) Using which of the following inbuilt JavaScript function data can be converted into number?

- (A) isnumber()
- (B) parseFloat()
- (C) parseNumber()
- (D) convertNumber()

100) Which of the following languages are supported by Aptana studio IDE ?

- (A) HTML, CSS
- (B) Ruby, Rails
- (C) PHP, Python
- (D) All of the above

Answers:

(1-A)	(2-A)	(3-A)	(4-D)	(5-C)	(6-B)	(7-A)	(8-C)	(9-B)	(10-C)
(11-C)	(12-D)	(13-D)	(14-A)	(15-A)	(16-C)	(17-A)	(18-B)	(19-A)	(20-A)
(21-B)	(22-D)	(23-C)	(24-A)	(25-D)	(26-B)	(27-B)	(28-A)	(29-C)	(30-C)
(31-D)	(32-B)	(33-A)	(34-C)	(35-D)	(36-B)	(37-B)	(38-A)	(39-C)	(40-D)
(41-B)	(42-B)	(43-A)	(44-C)	(45-B)	(46-C)	(47-D)	(48-D)	(49-A)	(50-B)
(51-C)	(52-B)	(53-C)	(54-B)	(55-C)	(56-A)	(57-A)	(58-D)	(59-A)	(60-D)
(61-C)	(62-A)	(63-B)	(64-C)	(65-B)	(66-A)	(67-A)	(68-C)	(69-C)	(70-B)
(71-A)	(72-C)	(73-A)	(74-C)	(75-C)	(76-A)	(77-D)	(78-A)	(79-B)	(80-C)
(81-B)	(82-C)	(83-D)	(84-A)	(85-A)	(86-C)	(87-A)	(88-D)	(89-C)	(90-D)
(91-B)	(92-B)	(93-A)	(94-A)	(95-A)	(96-A)	(97-D)	(98-D)	(99-B)	(100-D)